

Amendments to the Specification:

Please replace the paragraph beginning on page 4, line 2 with the following amended paragraph:

Figure 1 illustrates an exemplary environment in which a microphone unit in accordance with the present invention can operate. A two way radio is shown in one of the more common configurations, that is, configured for use by public safety personnel (e.g., police officers, fire personnel). A lapel or shoulder mounted microphone unit 12 is worn on the shoulder of the user. The microphone unit 12 is connect via a cable 14 17 to the main radio unit 19, which is typically worn on the belt of the user. The main radio unit 19 commonly used by police personnel is a two way radio operating on the UHF band. It is, however, understood that the present invention can be used in conjunction with many types of radios and is not limited to the radio type in the exemplary embodiment.

Please replace the paragraph beginning on page 5, line 3 with the following amended paragraph:

Figure 2b and 3b are flow charts illustrating the two distinct processes performed by a microphone unit in accordance with the present invention. FIG. [[3a]] 2b depicts the steps performed on a voice input during the outgoing, or transmission, phase. FIG. 3b depicts the steps performed on a signal received from an analog radio during the incoming, or reception, phase.

Please replace the paragraph beginning on page 5, line 14 with the following amended paragraph:

The user input is converted by the microphone [[22]] 21 from an audible voice signal into a analog voice signal, which is output from the microphone [[22]] 21. The analog voice signal is then amplified by an amplifier circuit 23 (step 24). Amplification of an analog signal is a well known process that is accomplished using any number of amplification circuits. The

amplified analog voice signal is next converted to a digital voice signal (step 26). The conversion from an analog to a digital signal is accomplished using an analog to digital (A/D) converter 25. Standard A/D converters exist which convert analog signals into digital signals. A/D converters are widely available and well known in the art.